Practitioner's Docket No.

313 - 008 - 2

PATENT

Preliminary Classification:

Proposed Class:

Subclass:

NOTE: "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129.' " M.P.E.P. § 601, 7th ed.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s):

Francis J. Maguire, Jr.

WARNING: 37 C.F.R. § 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

For (title):

APPARATUS FOR INDUCING ATTITUDINAL HEAD MOVEMENTS FOR

PASSIVE VIRTUAL REALITY

CERTIFICATION UNDER 37 C.F.R. § 1.10*

(Express Mail label number is mandatory.) (Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date January.29, 2001 in an envelope as "Express Mail Post Office to Addressee," mailing Label Number <u>EL 76260622</u> dressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Judith Schick

(type or print name,of person mailing paper)

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

*WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

> "Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

> > (New Application Transmittal [4-1]—page 1 of 11)

1. Type of Application

This new application is for a(n)

(check one applicable item below) ☐ Original (nonprovisional) ☐ Design ☐ Plant WARNING: Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. § 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application WARNING: Do not use this transmittal for the filing of a provisional application. If one of the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION Divisional. П Continuation. \Box Continuation-in-part (C-I-P).

2. Benefit of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112. Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
 - (ii) Complete as set forth in § 1.51(b); or
- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or
- (iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(f) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120, 121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(New Application Transmittal [4-1]—page 2 of 11)

WARNING:	When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).
1	The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
3. Papers	Enclosed
•	uired for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 ign) Application
_ <u>51</u> Pa	ges of specification
3 Pa	ges of claims
_24_Sh	eets of drawing
WARNING:	DO NOT submit onginal drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).
inv the on	lentifying indicia, if provided, should include the application number or the title of the invention, entor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top the page " 37 C.F.R. § 1.84(c)).
	(complete the following, if applicable)
	The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. § 1.84(b).
	formal
ഠ	informal
B. Othe	er Papers Enclosed
2^_ Pa	ages of declaration and power of attorney
1 Pa	ages of abstract
1 01	
	onal papers enclosed
П	Amendment to claims
۵	☐ Cancel in this applications claims before
	calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
	Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)
	Preliminary Amendment
	Information Disclosure Statement (37 C.F.R. § 1.98)
	Form PTO-1449 (PTO/SB/08A and 08B)
	Citations

(New Application Transmittal [4-1]—page 3 of 11)

	Dec	claration of Biological Deposit
	per	omission of "Sequence Listing," computer readable copy and/or amendment taining thereto for biotechnology invention containing nucleotide and/or ino acid sequence.
	Aut tive	horization of Attorney(s) to Accept and Follow Instructions from Representa-
Ε] Spe	ecial Comments
] Oth	ner er
5. Dec	laratio	on or oath (including power of attorney)
NOTE-	the price by all co applica the sign by a st being to declara person	y executed declaration is not required in a continuation or divisional application provided that or nonprovisional application contained a declaration as required, the application being filed is or fewer than all the inventors named in the prior application, there is no new matter in the tion being filed, and a copy of the executed declaration filed in the prior application (showing nature or an indication thereon that it was signed) is submitted. The copy must be accompanied atement requesting deletion of the names of person(s) who are not inventors of the application filed. If the declaration in the prior application was filed under § 1.47, then a copy of that ition must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently ed declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)–(3).
NOTE [.]	is direct abbrev country	aration filed to complete an application must be executed, identify the specification to which it ited, identify each inventor by full name including family name and at least one given name, without lation together with any other given name or initial, and the residence, post office address and y or citizenship of each inventor, and state whether the inventor is a sole or joint inventor 37 § 1.63(a)(1)–(4).
NOTE:	as pres as pres is that i this pa or nam	eventorship of a nonprovisional application is that inventorship set forth in the oath or declaration scribed by § 1.62, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration scribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under tragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name set of the inventor or inventors.* 37 C.F.R. § 1.41(a)(1).
Ç.		ecuted by
	LA	
		(check all applicable boxes)
		inventor(s).
		legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.
		joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
		☐ This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F.R. § 1.47 is also attached. See item 13 below for fee.
] No	t Enclosed.
NOTE:	the U.S may b	the filing is a completion in the U.S. of an International Application or where the completion of S. application contains subject matter in addition to the International Application, the application e treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE IEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.
		Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of all the above named inventor(s).
		(New Application Transmittal [4-1]—page 4 of 11)

(The declaration or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can be filed subsequently).
☐ Showing that the filing is authorized. (not required unless called into question. 37 C.F.R. § 1.41(d))
6. Inventorship Statement
WARNING: If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.
The inventorship for all the claims in this application are:
☐ The same.
or
Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,
is submitted.
☐ will be submitted.
7. Language
NOTE: An application including a signed oath or declaration may be filed in a language other than English. An English translation of the non-English language application and the processing fee of \$130.00 required by 37 C.F.R. § 1.17(k) is required to be filed with the application, or within such time as may be set by the Office. 37 C.F.R. § 1.52(d).
🖾 English
☐ Non-English
☐ The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).
8. Assignment
☐ An assignment of the invention to
is attached. A separate [] "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or [] FORM PTO 1595 is also attached.
will follow.
NOTE: "If an assignment is submitted with a new application, send two separate letters-one for the application and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).
WARNING: A newly executed "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" must be filed when a continuation-in-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.
(New Application Transmittal [4-1]—page 5 of 11)

9. Certified Copy

Country	Appin. No.		Filed
Country	Appin. No.		Filed
Country	Appin. No.		Filed
rom which priority is clain	ned		
s (are) attached	i.		
NOTE: The foreign application declaration, 37 C.F.R.	n forming the basis for the clair § 1.55(a) and 1.63.	m for priority must	be referred to in the oath or
U.S application or Intel § 120 is itself entitled it	reign priority for which the app emational Application from whic to priority from a prior foreign a PLICATION TRANSMITTAL WH	ch this application of pplication, then com	aims benefit under 35 U.S.C. aplete item 18 on the ADDED
10. Fee Calculation (37	C.F.R. § 1.16)		
A. Regular applica	tion		
	CLAIMS AS FIL	.ED	
Number filed	Number Extra	Rate	Basic Fee 37 C.F.R. § 1.16(a) X\$69XXXX \$710.
Total			
Claims (37 C.F.R.			***************************************
§ 1.16(c)) /b	- 20 = O	× \$ 18.00	
Independent Claims (37 C.F.R.		\$80.00	
§ 1.16(b))	- 3 = 6	× \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Multiple dependent claim(s if any (37 C.F.R. § 1.16(c		+ \$260.00	
☐ Amendment ca	ncelling extra claims is e	enclosed.	
☐ Amendment de	leting multiple-dependen	cies is enclosed	d .
☐ Fee for extra cl	laims is not being paid a	at this time.	
•	ms are not paid on filing they mu of the time period set for resp by. 37 C.F.R. \$ 1.16(d).		and Trademark Office in an
	Filing For Colonlation	•	\$ 710.00
	Filing Fee Calculation	,	P
B. ☐ Design applicat (\$310.00—37 C	ion	,	

(New Application Transmittal [4-1]—page 6 of 11)

c. 🗆	Plant application (\$480.00—37 C.F.R. § 1.16(g))	
	Filing fee calculation	\$
11. Sma	all Entity Statement(s)	
	Statement(s) that this is a filing by a small is (are) attached.	all entity under 37 C.F.R. § 1.9 and 1.27
WARNING	the status is available and desired. Status as a affect any other application or patent, including indirectly dependent upon the application or parefilling of an application under § 1.53 as a contract a continued prosecution application under § 1.53 as a contract a new determination as to continued entitlement application. A nonprovisional application claiming 365(c) of a prior application, or a reissue application or in the patent if the nonprovisional reference to the statement in the prior application or in the patent.	established in each application or patent in which small entity in one application or patent does not a paplications or patents which are directly or tent in which the status has been established. The function, division, or continuation-in-part (including 53(d)), or the filing of a reissue application requires at to small entity status for the continuing or reissue and benefit under 35 U.S.C. § 119(e), 120, 121, or lication may rely on a statement filed in the prior all application or the reissue application includes a cation or in the patent or includes a copy of the ent and status as a small entity is still proper and catutory filing fee will be treated as such a reference 3(a)(2).
WARNIN		en the person or persons signing the statement ification." M.P.E.P., § 509.03, 6th ed., rev. 2, July
	(complete the following	if applicable)
X	Status as a small entity was claimed in	n prior application
		<u>February 3, 199,7from which benefit</u> nder:
	35 U.S.C. §	
	and which status as a small entity is	still proper and desired.
		prior application is included.
	Filing Fee Calculation (50% of A,	B or C above)
	\$ <u>355.</u>	συ
NOTE:	Any excess of the full fee paid will be refunded if sm are filed within 2 months of the date of timely pa extendable under § 1.136. 37 C.F.R. § 1.28(a).	hall entitiy status is established and a refund request syment of a full fee. The two-month period is not
12. Re	quest for International-Type Search (3	7 C.F.R. § 1.104(d))
	(complete, if app	olicable)
C	Please prepare an international-type se when national examination on the me	arch report for this application at the time rits takes place.

3. Fee	Payr	nent Being Made at This Time	
	Not	Enclosed	
		No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. § subsequently.)	§ 1.16(e) can be paid
ď	Enc	losed	
		Filing fee	\$ 355,00
		Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".)	\$
		Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. §§ 1.47 and 1.17(i))	\$
		For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))	\$
		Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l))	\$
		Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e))	\$
	failing 1 37 C.F. either t	R. § 1.21(I) establishes a fee for processing and retaining any app to complete the application pursuant to 37 C.F.R. § 1.53(f) and the R. §§ 1.53 and 1.78(a)(1), indicate that in order to obtain the benefite basic filing fee must be paid, or the processing and retention to 1 year from notification under § 53(f).	nis, as well as the changes to efit of a prior U.S. application,
		Total fees enclosed	\$
14. Me		of Payment of Fees	
凶	Ch	eck in the amount of \$ 355.00	
	Ch \$	arge Account No	in the amount of
	Αc	duplicate of this transmittal is attached.	
	Fees si § 1.22	hould be itemized in such a manner that it is clear for which purpos (b).	se the fees are paid. 37 C.F.R.

(New Application Transmittal [4-1]-page 8 of 11)

15.	Author	rization 1	to Char	ge Additio	onal Fees			
WA	RNING:	If no fees	are to be	paid on filin	g, the following	ig items s	should <u>not</u> be	completed.

WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.

- The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 23–0442

 - 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

- 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a)).
- ☐ 37 C.F.R. § 1.17 (application processing fees)
- NOTE: ". . A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requining a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).
 - ☐ 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))
- NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. § 1.311(b).
- NOTE: 37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . . the issue fee. . . " From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

(New Application Transmittal [4-1]-page 9 of 11)

16	Instructions	ac to	Overpayment
10.	Instructions	as w	Overhayment

NOTE: "... Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).

Credit Account No. 23-0442

☐ Refund

Reg. No. 31,391

Tel. No. (203) 261-1234

Customer No. 004955

Flamis Mague
SIGNATURE OF PRACTITIONER

Francis J. Maguire

Ware, Fressola, Van Der Sluys & Adolphson LLP (type or print name of attorney)

755 Main Street, P.O. Box 224

P.O. Address

Monroe, Connecticut 06468

(New Application Transmittal [4-1]—page 10 of 11)

	Incorp	poration by reference of added pages
	pr sta th	heck the following item if the application in this transmittal claims the benefit of ior U.S. application(s) (including an international application entering the U.S. age as a continuation, divisional or C-I-P application) and complete and attach e ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF RIOR U.S. APPLICATION(S) CLAIMED)
	C	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed
		Number of pages added
		Plus Added Pages for Papers Referred to in Item 4 Above
		Number of pages added
		Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.
		Number of pages added
		Plus "Assignment Cover Letter Accompanying New Application"
		Number of pages added
×	State	ment Where No Further Pages Added
	-	no further pages form a part of this Transmittal, then end this Transmittal with his page and check the following item)
	\boxtimes	This transmittal ends with this page.

IN THE U.S. PATENT AND TRADEMARK OFFICE

Re application of

:

F. J. Maguire, Jr.

.

Filed: Herewith

Continuation-In-Part Application of

Serial No. 08/794,122

Examiner: M. Lee

Filed: February 3, 1997

Group Art Unit: 2516

For: APPARATUS FOR INDUCING ATTITUDINAL HEAD

MOVEMENTS FOR PASSIVE VIRTUAL REALITY

37 CFR 1.213 CERTIFICATION AND REQUEST FOR NONPUBLICATION UNDER 35 USC 122(b)(2)(B)(i)

Assistant Commissioner for Patents U.S. Patent and Trademark Office Washington DC 20231

Sir:

Applicant Francis J. Maguire, Jr. hereby certifies that the invention disclosed in the application has not been and will not be the subject of an application filed in another country, or under a multilaterial international agreement that requires publication of applications 18 months after filing.

FILING OF PAPERS AND FEES BY "EXPRESS MAIL" WITH CERTIFICATE IN ACCORDANCE WITH 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as "Express Mail" in an envelope with Mailing Label No. EL 762606222 US placed thereon prior to mailing and addressed to the Assistant Commissioner for Patents, Washington DC 20231.

Tudith Schick

Dated: 1-29-01

Therefore, applicant requests that this application shall not be published under 35 USC §122(b)(1)(A).

Respectfully submitted,

Francis J. Maguire Attorney for the Applicant Registration No. 31,391

Faris Magane

FJM/mbh
January 29, 2001
WARE, FRESSOLA, VAN DER SLUYS
& ADOLPHSON LLP
755 Main Street, PO Box 224
Monroe CT 06468
(203) 261-1234